



## **boot events**

### **ONTAP 9.15.1 EMS reference**

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# boot events

## boot.bootmenu events

### boot.bootmenu.issue

#### Severity

EMERGENCY

#### Description

This message occurs when an error is detected while booting into, or using, the system boot menu.

#### Corrective Action

Retry the boot. If the problem persists, contact NetApp technical support for assistance in replacing the boot device media.

#### Syslog Message

Failed to boot the system. Error: %s

#### Parameters

`err_str` (STRING): Error string.

## boot.shutdown events

### boot.shutdown.issue

#### Severity

ALERT

#### Description

This message occurs when an error is detected while shutting down the system.

#### Corrective Action

Contact NetApp technical support.

#### Syslog Message

Failed to shutdown the system. Error: %s

#### Parameters

`err_str` (STRING): Error string.

## boot.varfs events

### boot.varfs.backup.issue

#### Severity

EMERGENCY

**Description**

This message occurs when an error is detected while trying to back up the /var file system to the boot media or node root volume (mroot).

**Corrective Action**

Contact NetApp technical support.

**Syslog Message**

Backup of the /var file system failed (%s)

**Parameters**

**err\_str** (STRING): Error string.

**boot.varfs.backup.success****Severity**

NOTICE

**Description**

This message occurs when a subsequent backup is successful following a failure.

**Corrective Action**

(None).

**Syslog Message**

Backup of the /var file system is successful after previous failures.

**Parameters**

(None).

**boot.varfs.repair.partial****Severity**

ERROR

**Description**

This message occurs when the system is unable to restore all missing files detected by a scan of the /var file system during boot.

**Corrective Action**

Contact NetApp technical support.

**Syslog Message**

Unable to restore all missing files in /var file system.

**Parameters**

(None).

**boot.varfs.repair.success**

**Severity**

NOTICE

**Description**

This message occurs when missing files are restored during a scan of the /var file system during boot.

**Corrective Action**

(None).

**Syslog Message**

All missing files in /var are restored.

**Parameters**

(None).

**boot.varfs.restore.issue****Severity**

ALERT

**Description**

This message occurs when an error is detected while restoring the /var file system from a shutdown.

**Corrective Action**

The file system is automatically restored from the boot media. If the problem persists, contact NetApp technical support.

**Syslog Message**

Failed to restore the /var file system. Error: %s

**Parameters**

**err\_str** (STRING): Error string.

**boot.varfs.restore.success****Severity**

NOTICE

**Description**

This message occurs when, following a failure, a subsequent restore of the /var file system is successful.

**Corrective Action**

(None).

**Syslog Message**

Successfully restored the /var file system.

**Parameters**

(None).

# boot.verify events

## boot.verify.kmods.disabled

### Severity

ALERT

### Description

This message occurs when the verification of digitally signed kernel modules has been disabled.

### Corrective Action

Contact NetApp technical support immediately.

### Syslog Message

The verification of digitally signed kernel modules has been disabled.

### Parameters

(None).

## boot.verify.kmods.success

### Severity

NOTICE

### Description

This message occurs when the verification of digitally signed kernel modules succeeds.

### Corrective Action

(None).

### Syslog Message

The verification of digitally signed kernel modules has completed.

### Parameters

(None).

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